

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX062520\
 Data File : VX016953.D
 Acq On : 25 Jun 2020 14:52
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062520

Quant Time: Jun 26 09:10:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	114	-0.01
2 M	Dichlorodifluoromethane	20.000	23.120	-15.6	152	0.00
3 M	Chloromethane	20.000	19.851	0.7	114	0.00
4 M	Vinyl Chloride	20.000	19.579	2.1	115	0.00
5 M	Bromomethane	20.000	21.450	-7.2	118	0.00
6 M	Chloroethane	20.000	19.402	3.0	114	0.00
7 M	Trichlorofluoromethane	20.000	19.669	1.7	118	0.00
8 T	Diethyl Ether	20.000	19.428	2.9	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.928	0.4	119	0.00
10 M	1,1-Dichloroethene	20.000	19.757	1.2	117	0.00
11	Methyl Iodide	20.000	18.074	9.6	123	0.00
12	Methyl Acetate	20.000	18.021	9.9	107	0.00
13 M	Acrolein	100.000	86.115	13.9	105	0.00
14 M	Acrylonitrile	100.000	91.451	8.5	106	0.00
15 M	Acetone	100.000	86.263	13.7	101	0.00
16 M	Carbon Disulfide	20.000	20.353	-1.8	121	0.00
17	Allyl chloride	20.000	19.488	2.6	112	0.00
18 M	Methylene Chloride	20.000	19.300	3.5	115	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.125	-0.6	120	0.00
20 T	Diisopropyl ether	20.000	19.155	4.2	113	0.00
21 M	1,1-Dichloroethane	20.000	19.329	3.4	113	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.770	1.2	117	-0.01
23 M	tert-Butyl Alcohol	100.000	90.184	9.8	105	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.341	3.3	114	0.00
25 M	Chloroform	20.000	19.297	3.5	114	0.00
26	Cyclohexane	20.000	19.366	3.2	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.083	3.1	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	116	0.00
29	1,1-Dichloropropene	20.000	19.502	2.5	118	0.00
30 M	2-Butanone	100.000	86.985	13.0	102	0.00
31	2,2-Dichloropropane	20.000	19.741	1.3	117	0.00
32 M	1,1,1-Trichloroethane	20.000	19.058	4.7	115	0.00
33 M	Carbon Tetrachloride	20.000	19.335	3.3	117	0.00
34 M	Benzene	20.000	19.231	3.8	115	0.00
35	Methacrylonitrile	20.000	17.247	13.8	102	0.00
36 M	1,2-Dichloroethane	20.000	18.796	6.0	113	0.00
37 M	Trichloroethene	20.000	19.828	0.9	118	0.00
38	Methylcyclohexane	20.000	19.541	2.3	121	0.00
39 M	1,2-Dichloropropane	20.000	18.568	7.2	113	0.00
40	Dibromomethane	20.000	18.725	6.4	112	0.00
41 M	Bromodichloromethane	20.000	19.004	5.0	113	0.00
42 M	Vinyl Acetate	100.000	93.650	6.3	112	0.00
43	Ethyl Acetate	20.000	17.762	11.2	106	0.00
44	Isopropyl Acetate	20.000	17.987	10.1	109	-0.01
45 T	1,4-Dioxane	400.000	387.638	3.1	113	0.00

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Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.459	7.7	111	0.00
47	n-amyl Acetate	20.000	17.910	10.4	113	0.00
48 M	t-1,3-Dichloropropene	20.000	19.096	4.5	120	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.241	3.8	116	0.00
50 M	1,1,2-Trichloroethane	20.000	18.926	5.4	115	0.00
51	Ethyl methacrylate	20.000	18.455	7.7	113	0.00
52	1,3-Dichloropropane	20.000	19.084	4.6	111	0.00
53 M	Dibromochloromethane	20.000	18.643	6.8	115	0.00
54 M	1,2-Dibromoethane	20.000	18.754	6.2	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.862	2.1	118	0.00
56 M	Bromoform	20.000	17.966	10.2	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	115	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.500	10.5	105	0.00
59 M	2-Hexanone	100.000	89.616	10.4	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.126	2.9	114	0.00
61 M	Tetrachloroethene	20.000	19.552	2.2	118	0.00
62 M	Toluene	20.000	19.753	1.2	117	0.00
63 S	Toluene-d8	30.000	30.196	-0.7	115	0.00
64 M	Chlorobenzene	20.000	19.538	2.3	118	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.637	1.8	117	0.00
66 M	Ethyl Benzene	20.000	19.537	2.3	117	0.00
67 M	m/p-Xylenes	40.000	39.592	1.0	120	0.00
68 M	o-Xylene	20.000	19.020	4.9	114	0.00
69 M	Styrene	20.000	19.112	4.4	118	0.00
70	Isopropylbenzene	20.000	19.391	3.0	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.000	5.0	116	0.00
72	1,2,3-Trichloropropane	20.000	19.196	4.0	112	0.00
73	Bromobenzene	20.000	19.166	4.2	115	0.00
74	n-propylbenzene	20.000	19.472	2.6	120	0.00
75	2-Chlorotoluene	20.000	19.111	4.4	119	0.00
76	1,3,5-Trimethylbenzene	20.000	19.198	4.0	118	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.704	11.5	111	0.00
78	4-Chlorotoluene	20.000	19.396	3.0	120	0.00
79	tert-butylbenzene	20.000	19.374	3.1	119	0.00
80	1,2,4-Trimethylbenzene	20.000	19.344	3.3	118	0.00
81	sec-Butylbenzene	20.000	19.326	3.4	119	0.00
82	p-Isopropyltoluene	20.000	19.468	2.7	120	0.00
83 M	1,3-Dichlorobenzene	20.000	20.262	-1.3	123	0.00
84 M	1,4-Dichlorobenzene	20.000	20.285	-1.4	124	0.00
85	n-Butylbenzene	20.000	19.798	1.0	123	0.00
86 T	Hexachloroethane	20.000	18.557	7.2	113	0.00
87 M	1,2-Dichlorobenzene	20.000	20.037	-0.2	121	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.562	12.2	105	0.00
89	1,2,4-Trichlorobenzene	20.000	20.130	-0.6	127	0.00
90	Hexachlorobutadiene	20.000	21.669	-8.3	138	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	19.328	3.4	118	0.00
92	1,2,3-Trichlorobenzene	20.000	20.640	-3.2	128	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0